

ABSTRACT OF THE DISCLOSURE

A compressed image data reproducing apparatus and a compressed image data reproducing method, in which a smooth reproduced image and a non-linear editing reproduction can be realized at the time when an IP picture search is executed, are provided. A storage device memorizes a structure of a data file in which intervals between an intra-coded frame and inter-coded frames of P pictures are variable as control data. A system control circuit, based on an external control signal, and by using a storage device control signal that executes normal reproduction of images, a picture search, and non-linear editing reproduction of images, outputs a first decoder control signal to a first decoder, a second decoder control signal to a second decoder, and a circuit selection control signal to a selector. With this, at the time when image data that are compressed and coded by variable length codes are reproduced, motion compensation by using a time correlation is executed. Therefore, the high speed picture search by using the control data can be possible, and various editing reproduction functions can be realized by that variable value M in a GOP is stored in a frame unit.

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